

<b>Project Title:</b>	Structure and function of ABC transporters to understand persistence of global ma
<b>PI:</b>	Hamdoun, Amro M
<b>Institution:</b>	University Of California San Diego
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Publication Title	Authors	Journal (Pub date)	Volume/Page	PubMed Link
ABCC5 is required for cAMP-mediated hindgut invagination in sea urchin embryos.	Shipp, Lauren E; Hill, Rose Z; Moy, Gary W; Gökirmak, Tufan; Hamdoun, Amro	Development (2015 Oct 15)	142 / 3537-48	<a href="#">PubMed Citation</a>
Evaluation of the global impacts of mitigation on persistent, bioaccumulative and toxic pollutants i ...	Bonito, Lindsay T; Hamdoun, Amro; Sandin, Stuart A	PeerJ (2016)	4 / e1573	<a href="#">PubMed Citation</a>
Functional diversification of sea urchin ABCC1 (MRP1) by alternative splicing.	Gökirmak, Tufan; Campanale, Joseph P; Reitzel, Adam M; Shipp, Lauren E; Moy, Gary W; Hamdoun, Amro	Am J Physiol Cell Physiol (2016 Jun 1)	310 / C911-20	<a href="#">PubMed Citation</a>
Global marine pollutants inhibit P-glycoprotein: Environmental levels, inhibitory effects, and cocry ...	Nicklisch, Sascha C T; Rees, Steven D; McGrath, Aaron P; Gökirmak, Tufan; Bonito, Lindsay T; Vermeer, Lydia M; Cregger, Cristina; Loewen, Greg; Sandin, Stuart; Chang, Geoffrey; Hamdoun, Amro	Sci Adv (2016 Apr)	2 / e1600001	<a href="#">PubMed Citation</a>
Migration of sea urchin primordial germ cells.	Campanale, Joseph P; Gökirmak, Tufan; Espinoza, Jose A; Oulhen, Nathalie; Wessel, Gary M; Hamdoun, Amro	Dev Dyn (2014 Jul)	243 / 917-27	<a href="#">PubMed Citation</a>
Snapshots of ligand entry, malleable binding and induced helical movement in P-glycoprotein.	Szewczyk, Paul; Tao, Houchao; McGrath, Aaron P; Villaluz, Mark; Rees, Steven D; Lee, Sung Chang; Doshi, Rupak; Urbatsch, Ina L; Zhang,	Acta Crystallogr D Biol Crystallogr ()	71 / 732-41	<a href="#">PubMed Citation</a>

	Qinghai; Chang, Geoffrey		
Structures of P-glycoprotein reveal its conformational flexibility and an epitope on the nucleotide- ...	Ward, Andrew B; Szewczyk, Paul; Grimard, Vinciane; Lee, Aug 13) Chang-Wook; Martinez, Lorena; Doshi, Rupak; Caya, Alexandra; Villaluz, Mark; Pardon, Els; Cregger, Cristina; Swartz, Douglas J; Falson, Pierre Guy; Urbatsch, Ina L; Govaerts, Cedric; Steyaert, Jan; Chang, Geoffrey	Proc Natl Acad Sci U S A (2013 110 / 13386-91	PubMed Citat
Transport in technicolor: mapping ATP-binding cassette transporters in sea urchin embryos.	Gökirmak, Tufan; Shipp, Lauren E; Campanale, Joseph P; Nicklisch, Sascha C T; Hamdoun, Amro	Mol Reprod Dev 81 / 778-93 (2014 Sep)	PubMed Citat